

Event Sequence Diagram

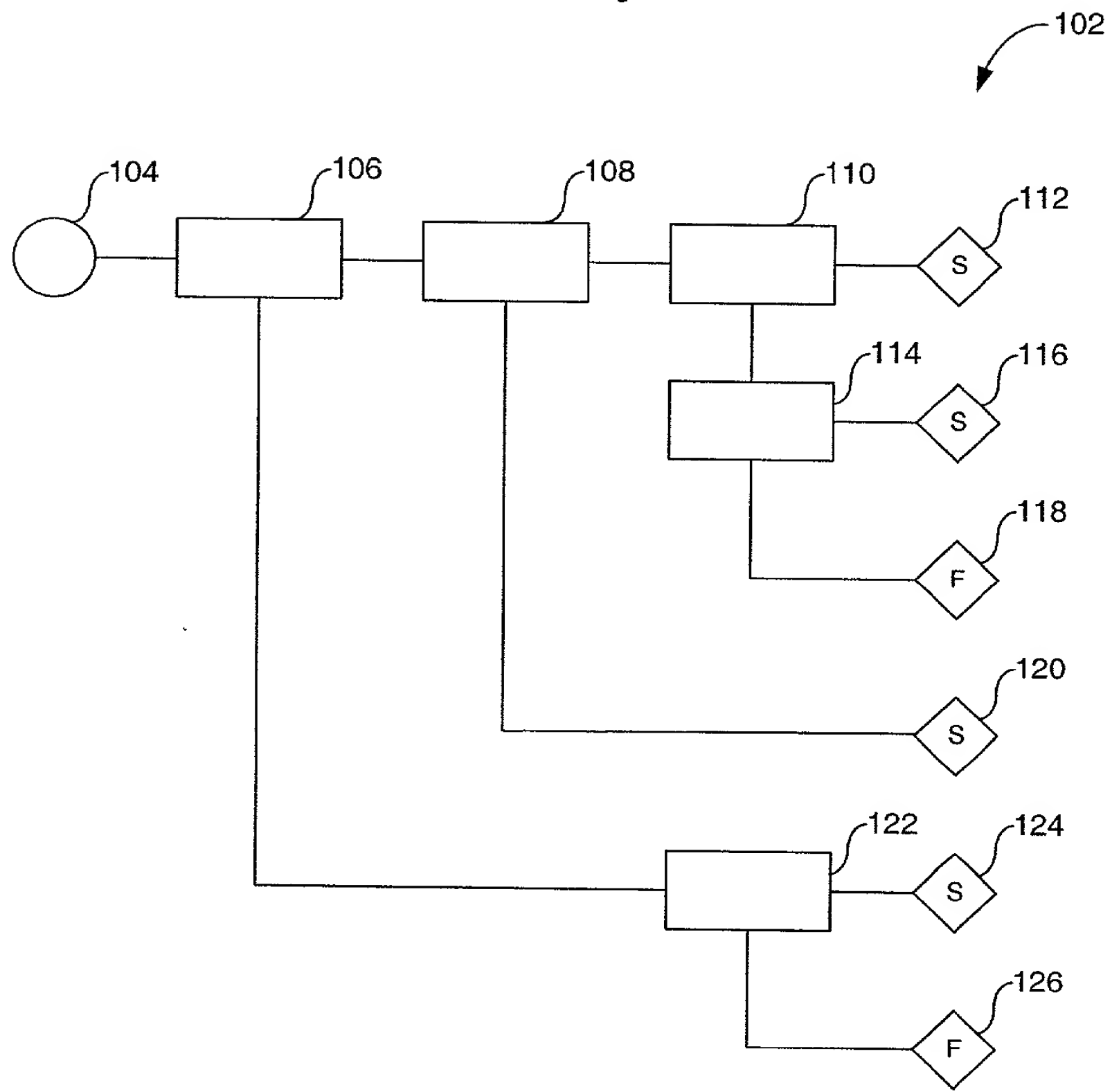


FIG. 1
(Conventional)

Fault Trees

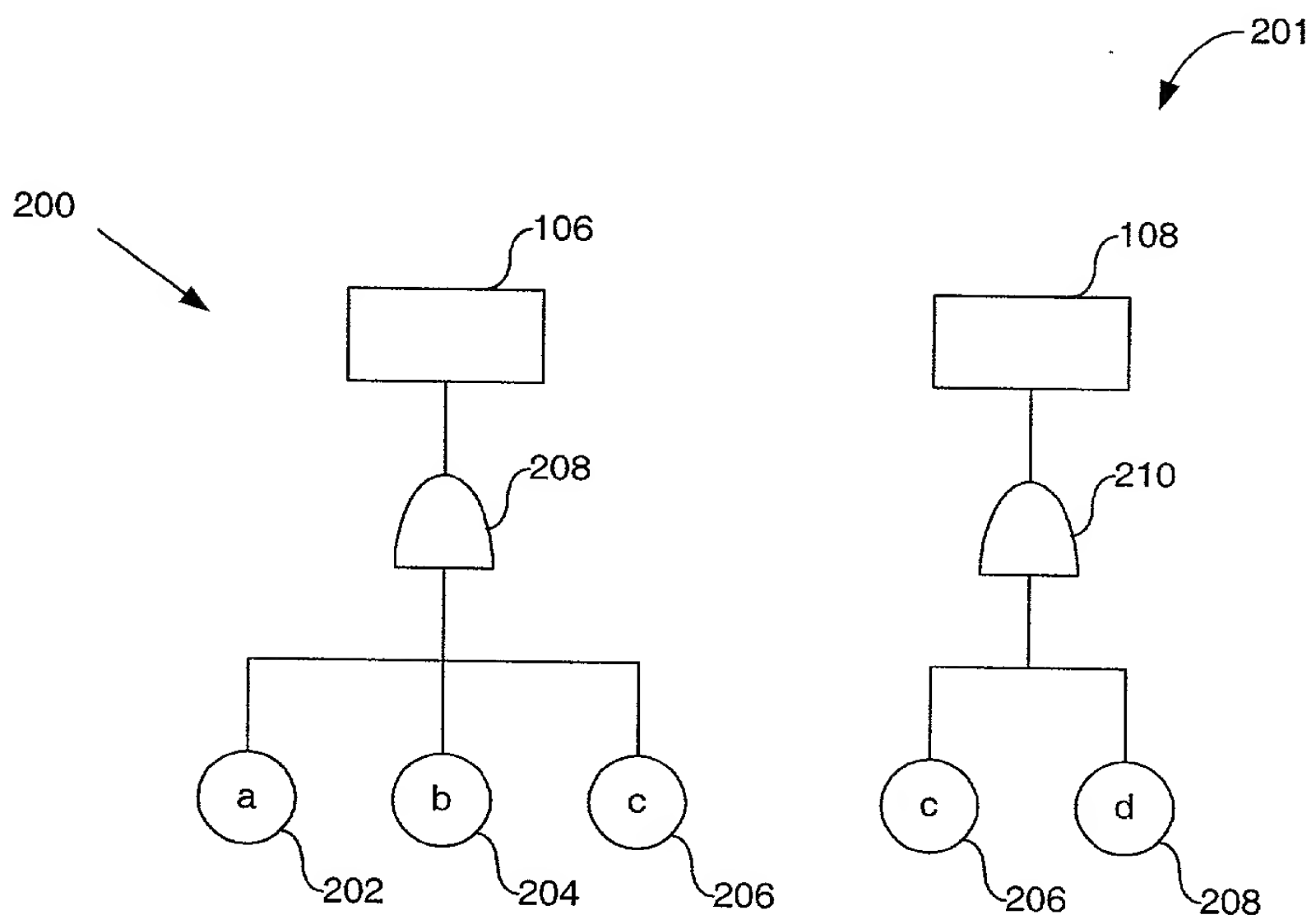


FIG. 2
(Conventional)

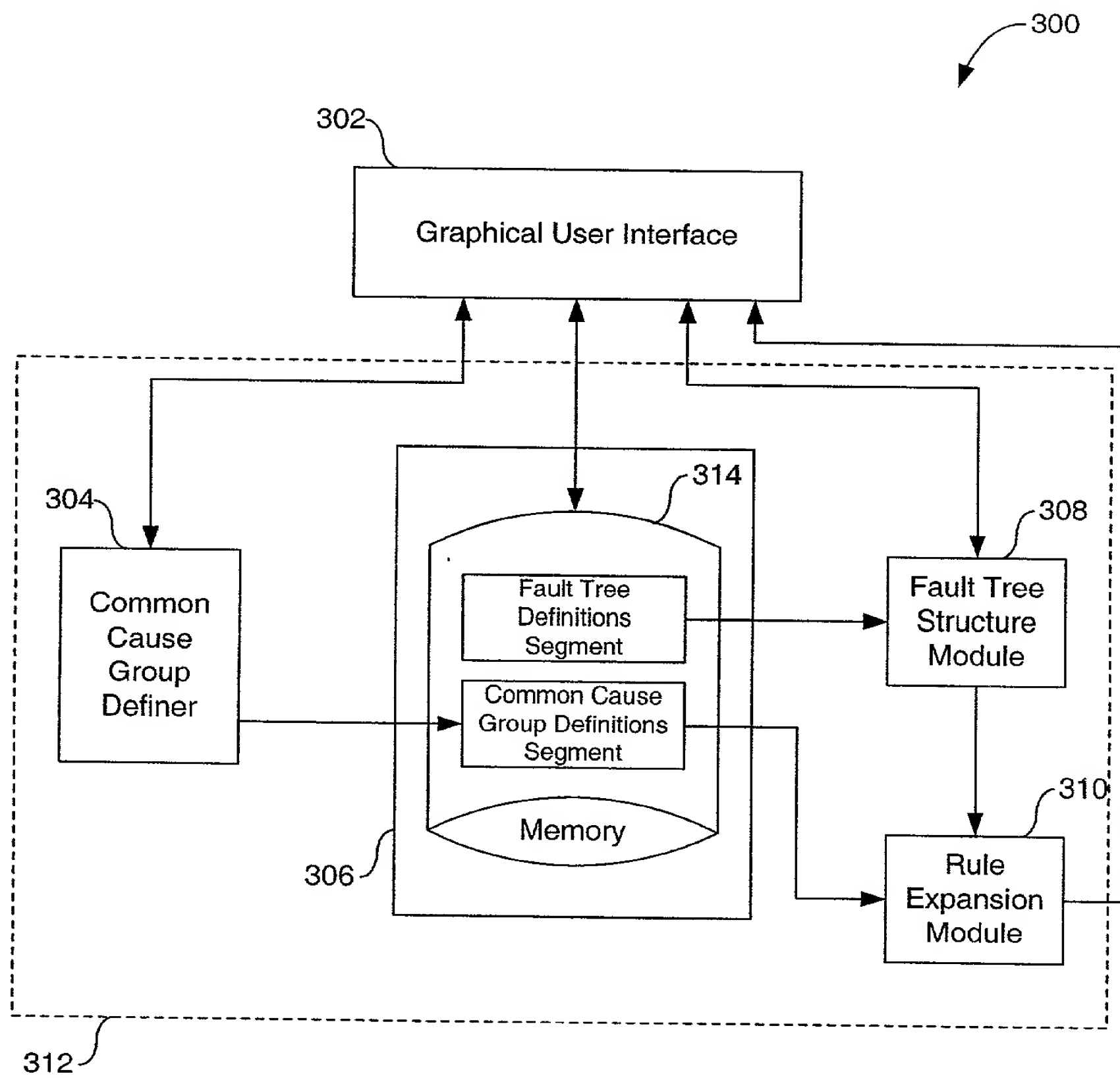


FIG. 3

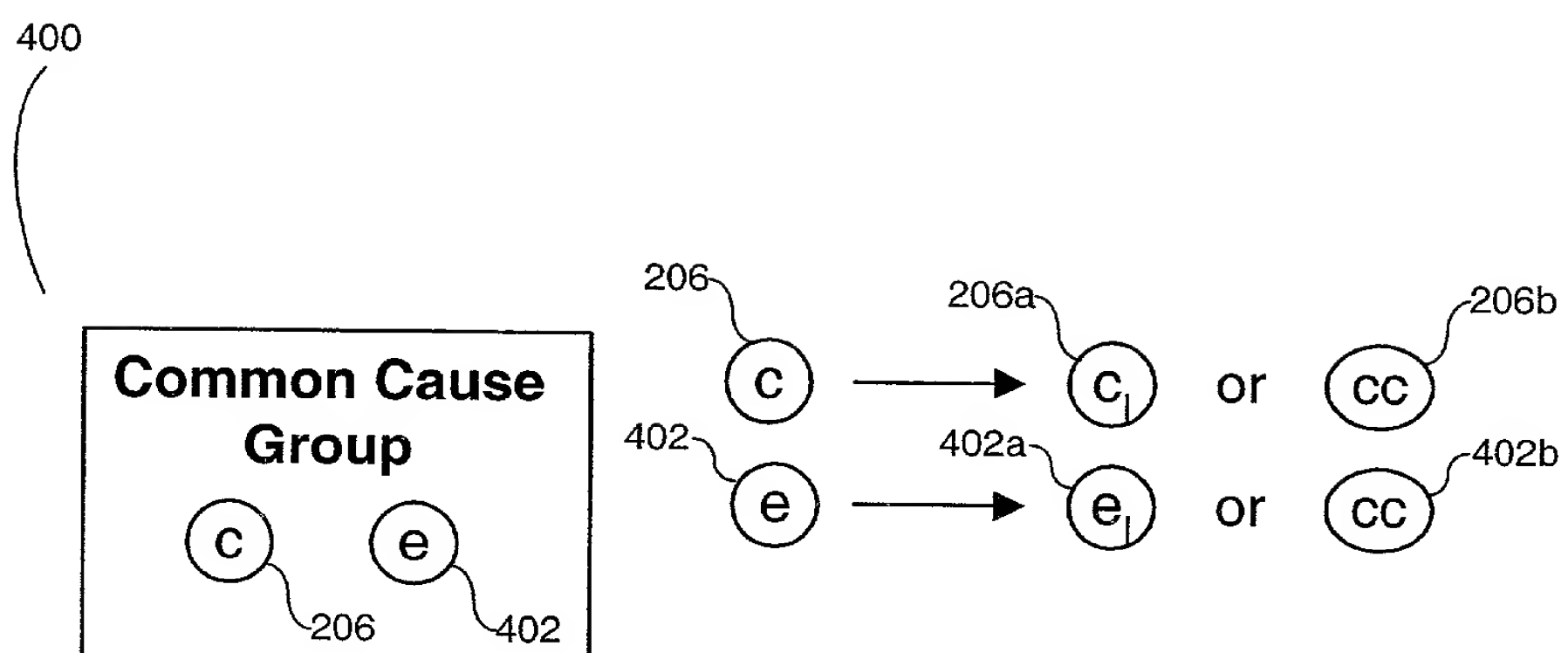


FIG. 4

When using the "Add New" button, the user will be prompted to enter a name for the new group. The user can also use the "Edit" button to modify the name of an existing group. The "Delete" button will remove the selected group from the list.

500

Common Cause Group Selection Dialog

ESD Designator: 21

ESD ID	DESIGNATOR	NAME	DESCRIPTION
21	CCF-001A1	CCF-001A1 (A,B,D full exp)	

ESD Filter: ☐ This ESD ☒ All

New Edit Delete

Close

502

504

506

FIG. 5

CCG Designator: NewCCG CCG Name: NewCCG

600

602

604

606

608

Create/Edit CCF Group

CCG Designator: CCG Name:

Description:

Member Basic Events

Designator	Name	Description
A5	FULL-001A-IE	
A5	FULL-001B-IE	
A6	FULL-001B-IE	
A6	FULL-001A-IE	
B	CCF-002A2-IE	
B	CCF-002B1-IE	
B	CCF-001B2-IE	
B	CCF-002B2-IE	
B	002B-B	
B	CCF-003A-IE-R	

Available Basic Events

Designator	Name	Description
C	CCF-001A1-IE-C	
B	CCF-001A2-IE-B	

Next Exit

FIG. 6

CCF-001A1-IE-C
CCF-001A2-IE-B
CCF-001A1-IE-C-indiv.
CCF-C,B

700

702

606

704

706

708

710

CCF - Expansion

CCG Designator: NewCCG

CCG Name: NewCCG

Description:

Member Basic Events

Designator	Name
C	CCF-001A1-IE-C
B	CCF-001A2-IE-B

Expansion of the selected basic event to CCFs

Common Cause Events Type

☐ Global Expansion (Beta Factor Model)

☒ Full Expansion (Alpha Factor Model)

Designator	Name
C(1)	CCF-001A1-IE-C-indiv.
CC3(2)	CCF-C,B

708 710

Back Next

Delete Default

Exit

FIG. 7

800

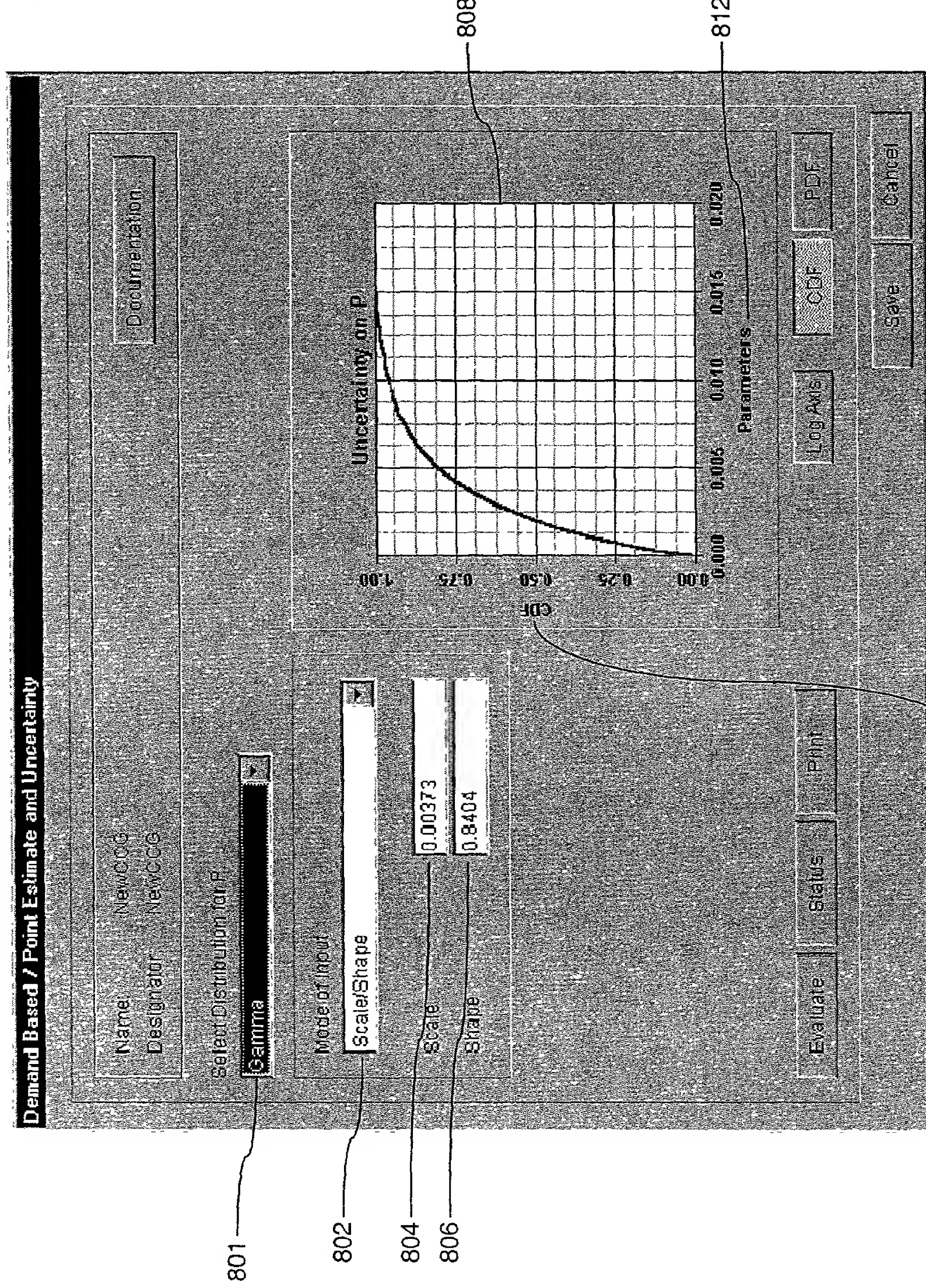


FIG. 8

810

900

Q CCF - Quantification Parameters

CCF Designator

NewCCF

CCG Name

NewCCG

Description

CCBE Type

Full Expansion

CCBE quantification determined by

Alpha Factor

Factors

Factor	Param A	Param B	Mean Value	5th	95th
Alfa1	2.1	.4	8.400E-1	4.053E-1	9.998E-1
Alfa2	.03				

Matching CCBEs

Designator	Name
C(1)	CCF-001A1-IE-C-indiv.
B(1)	CCF-001A2-IE-B-indiv.

Number of member basic events

2

Number of simultaneous events

1

Probability

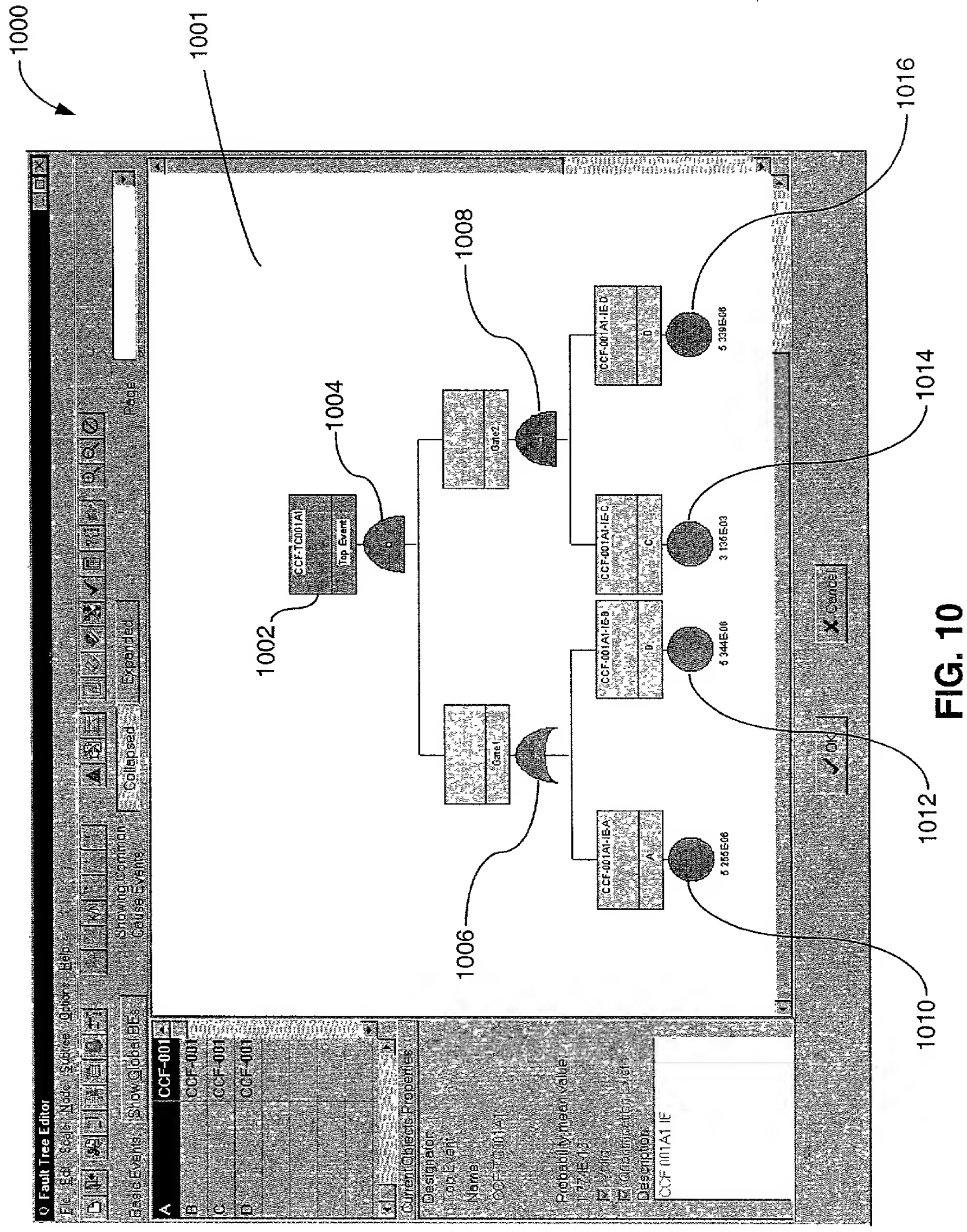
Back

Finish

Exit

FIG. 9

Page 1 of 1
Date: 11/11/2011
Time: 11:11:11
User: Administrator



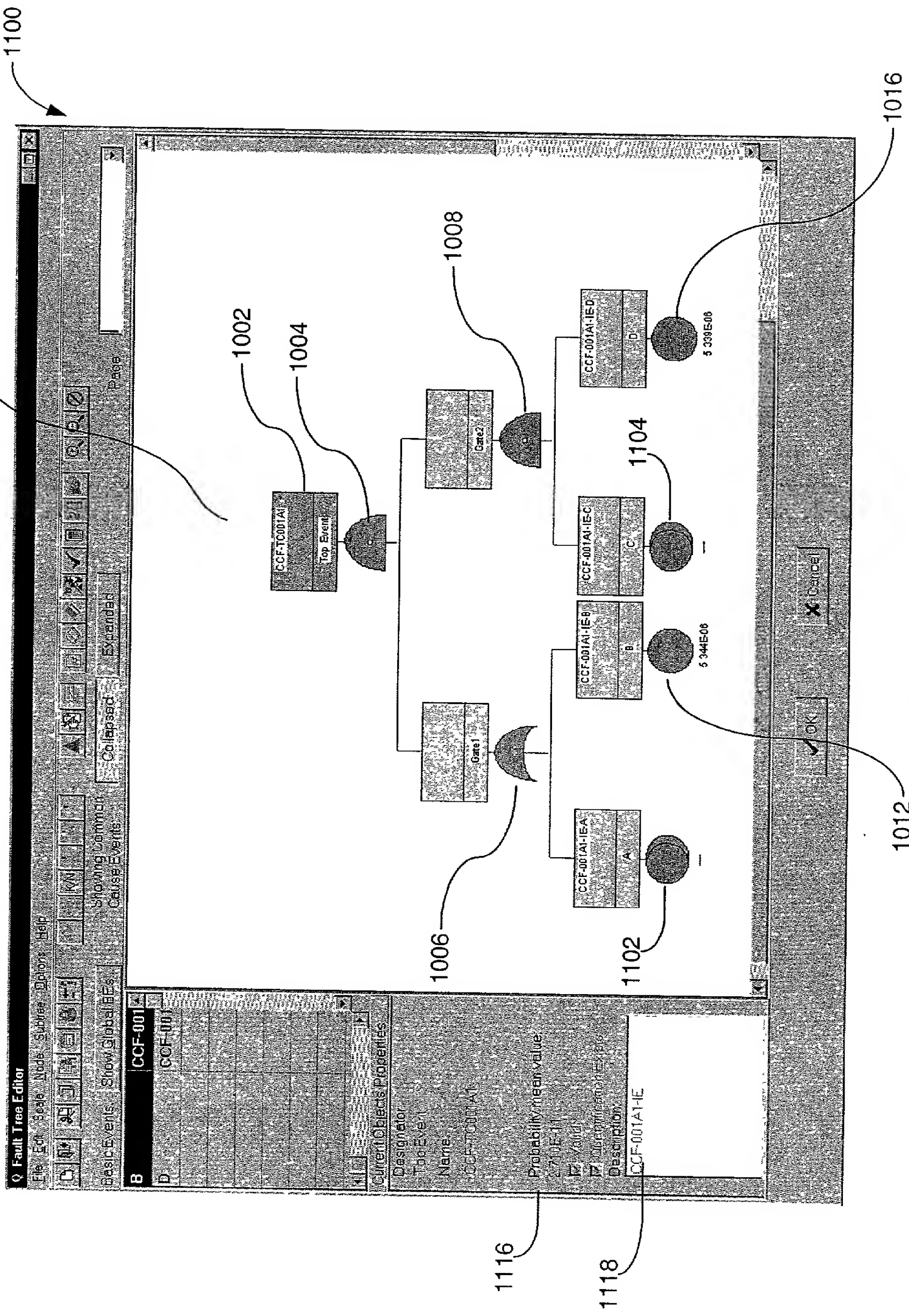


FIG. 11

